



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/852,360	05/09/2001	Gopikrishna T. Kumar	10007291-1	4719

7590 08/30/2004

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER

NORRIS, TREMAYNE M

ART UNIT PAPER NUMBER

2137

DATE MAILED: 08/30/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/852,360	KUMAR ET AL.	
	Examiner	Art Unit	
	Tremayne M. Norris	2137	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 May 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 09 May 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

BEST AVAILABLE COPY

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

2. Claims 1-8,10-13 are rejected under 35 U.S.C. 102(a) as being anticipated by Aziz et al (US pat 6,643,701).

Regarding claim 1, Aziz teaches a computer-implemented method for managing sessions between mobile communication devices and an application program hosted on a data processing system with a gateway module that is coupled to the mobile communications devices and to the application program, comprising:

generating at the gateway module (fig.2: relay) respective first session identifiers (col.2 lines 42-56) upon receipt of initial requests from the mobile communication devices (fig.2: client; col.8 lines 33-37) at the gateway module and transmitting the first session identifiers to the application program (fig.2: server) (col.8 lines 12-22);

associating the first session identifiers with corresponding second session identifiers from the application program at the gateway module (col.8 lines 58-62), and

in response to subsequent communications from the mobile devices to the application program, transmitting from the gateway module to the application program

BEST AVAILABLE COPY

the second session identifiers that are associated with the first session identifiers of the mobile devices of the subsequent communications (col.2 lines 59-67; col.8 lines 42-56).

Regarding claim 2, Aziz teaches receiving requests of a first type from the mobile devices at the gateway module and transferring the first type requests to an authentication module that manages user authentication (col.8 lines 33-37); and

when a user at a mobile device has not logged-in to the authentication module, transmitting a log-in prompt from the authentication module to the mobile device in response to a request of the first type from the mobile device (col.9 lines 3-5).

Regarding claim 3, Aziz teaches generating at the authentication module respective authentication identifiers for the first session identifiers and associating the authentication identifiers with corresponding first session identifiers (col.2 lines 42-48; col.8 lines 33-37).

Claims 4 and 5 are substantially equivalent to claim 1, therefore claims 4 and 5 are rejected because of similar rationale.

Regarding claim 6, Aziz teaches receiving checkout requests from the wireless communication devices at the gateway module and transferring the checkout requests to a wallet module that manages user authentication (col.8 lines 33-37);

BEST AVAILABLE COPY

when a user at a wireless communications device has logged-in to the wallet module (col.9 lines 3-5), transmitting payment options from the wallet module to the wireless communications device in response to a checkout request from the wireless communications device (col.8 lines 58-62); and

when a user at a wireless communications device has not logged-in to the wallet module, transmitting a log-in prompt from the wallet module to the wireless communications device in response to a checkout request from the wireless communications device (col.9 lines 3-5).

Regarding claim 7, Aziz teaches generating at the wallet module respective wallet session identifiers for the wireless session identifiers and associating the wallet session identifiers with corresponding wireless session identifiers (col.2 lines 42-48; col.8 lines 33-37) in a wallet session identifier table (col.5 lines 1-2; col.6 lines 24-27).

Regarding claim 8, Aziz teaches in response to a payment request from a wireless communications device, transmitting the payment request from the gateway module to the merchant application, disassociating the wireless session identifier from the corresponding merchant session identifier, and generating a new wireless session identifier for the wireless communications device when another initial request is received from the wireless communications device (col.8 lines 25-32).

BEST AVAILABLE COPY

Claims 10 and 11 are substantially equivalent to claim 1, therefore claims 10 and 11 are rejected because of similar rationale.

Regarding claim 12, Aziz teaches an authentication module coupled to the mobile interface and to the gateway, the authentication module configured to transmit a log-in prompt to a mobile device in response to a request of the first type from the mobile device (col.9 lines 3-5).

Claim 13 is substantially equivalent to claim 3, therefore claim 13 is rejected because of similar rationale.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over Aziz et al.

Regarding claim 9, examiner takes official notice that the method of erasing inactive entries in a table is well known in the art. It would have been obvious to one of ordinary skill in the art at the time of the invention to employ this clearing method in order to free-up memory space, thus maximizing storage capacity.

BEST AVAILABLE COPY

Art Unit: 2137

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tremayne M. Norris whose telephone number is (703) 305-8045. The examiner can normally be reached on M-F 7:30AM-5:00PM alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Caldwell can be reached on (703) 306-3036. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Tremayne Norris

August 10, 2004


Andrew Caldwell

BEST AVAILABLE COPY